



Atty. Dkt. No. 016907/1224

Applicant: Takahiro FUCHIGAMI et al.  
Title: IMAGE PROCESSING APPARATUS  
Appl. No.: 09/843,844  
Filing Date: April 30, 2001  
Examiner: Not Yet Assigned  
Art Unit: Not Yet Assigned

**PRELIMINARY AMENDMENT**

Commissioner for Patents  
Washington, D.C. 20231

Sir:

Prior to examination, Applicants respectfully request that the above-identified application be amended as follows:

**In the Specification:**

In accordance with 37 CFR §1.121, please substitute for the following paragraph the following rewritten version of the same paragraph, as amended. The changes are shown explicitly in the attached "Version with Markings to Show Changes Made."

The paragraph starting on page 29, line 12:

Instead of employing the character emphasis section 141, the background sending section 138 and the feature amount calculation section 133 may be provided with a low-pass filter and a high-pass filter, respectively. In this case, the background sensing section 138 senses a background and allows passage of only the low-frequency components of image signals (the high-frequency components of the signals are cut off). On the other hand, the feature amount calculation section 133 calculates feature amounts and allows passage of only the high-frequency components of image signals

(the low-frequency components of the signals are cut off). In this manner, the emphasis processing can be carried out in parallel to other processing, the need to provide the character emphasis section 141 is eliminated.

#### REMARKS

Applicants respectfully request consideration of the present application in view of the foregoing amendments. Applicants have amended the specification to correct minor errors in the translation. No new matter has been introduced.

The Examiner is invited to contact the undersigned by telephone if it is felt that a telephone interview would advance the prosecution of the present application.

Respectfully submitted,

Date

10/22/01

By

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**VERSION WITH MARKINGS TO SHOW CHANGES MADE**

**In the Specification:**

The paragraph starting on page 29, line 12:

Instead of employing the character emphasis section 141, the background sensing section 138 and the feature amount calculation section 133 may be provided with a low-pass filter and a high-pass filter, respectively. In this case, the background sensing section 138 senses a background and allows passage of only the [high-frequency] low-frequency components of image signals (the [low-frequency] high-frequency components of the signals are cut off). On the other hand, the feature amount calculation section 133 calculates feature amounts and allows passage of only the [low-frequency] high-frequency components of image signals (the [high-frequency] low-frequency components of the signals are cut off). In this manner, the emphasis processing can be carried out in parallel to other processing, the need to provide the character emphasis section 141 is eliminated.